

Attorney Docket # 5223-4

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yi-Chun HSIAO et al.

Serial No.: 10/700,158

Filed: November 3, 2003

For: Combinational Usage of Insulators and Coat Color
Marker for High Efficiency Transgene Expression and
Visual Genotyping in Mice

Examiner:

Group Art:

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INFORMATION DISCLOSURE STATEMENT

SIR:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO/SB/08a. Copies of the listed documents are also enclosed.

The references submitted herewith have been discussed in detail on pages 3-7 and of the instant specification in the section entitled: Description of Related Art.

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

In accordance with 37 C.F.R. §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

If any fees or charges are deemed required at this time in connection with the application, the same may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,
COHEN, PONTANI, LIEBERMAN & PAVANE

By: 
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Dated: January 6, 2004

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		Application Number	10/700,158
		Filing Date	November 3, 2003
		First Named Inventor	Yi-Chun HSIAO
		Art Unit	
		Examiner Name	
Sheet 1 of 2		Attorney Docket Number	5223-4

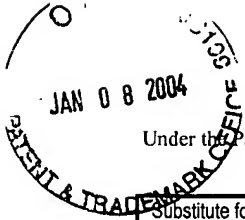
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		A. C. BELL, "The Protein CTCF is Required for the Enhancer Blocking Activity of Vertebrate Insulators", Cell, Vol. 98, 387-396, August 6, 1999.	
		A. C. BELL, "Insulators and Boundaries: Versatile Regulatory Elements in the Eukaryotic Genome", Science, Vol. 291, 19 January 2001.	
		J. H. CHUNG et al., "Characterization of the Chicken β -globin Insulator", Proc. Natl. Acad. Sci., Vol. 94, pp. 575-580, January 1997.	
		K. DOBIE et al., "Variegated Gene Expression in Mice", TIG, April 1997, Vol. 13, No. 4.	
		D. M. J. DUHL et al., "Pleiotropic Effects of the Mouse <i>Lethal Yellow (A^Y)</i> Mutation Explained by Deletion of a Maternally Expressed Gene and the Simultaneous Production of <i>agouti</i> Fusion RNAs", Development 120, 1695-1708 (1994).	
		D. W. EMERY, et al., "A Chromatin Insulator Protects Retrovirus Vectors From Chromosomal Position Effects", Proc. Natl. Acad. Sci., Aug. 1, 2000, Vol. 97 No. 16, Pgs. 9150-9155.	
		T. I. GERASIMOVA et al., "Chromatin Insulators and Boundaries: Effects on Transcription and Nuclear Organization", Annu. Rev. Genet. 2001, 35: 193-208.	
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		M. N. PRIOLEAU et al., "An Insulator Element and Condensed Chromatin Region Separate the Chicken β -globin Locus from an Independently Regulated Erythroid-Specific Folate Receptor Gene", The EMBO Journal, Vol. 18, No. 14, pp. 4035-4048, 1999.	
		F. RECILLAS-TARGA et al., "Positional Enhancer-Blocking Activity of the Chicken β -globin Insulator in Transiently Transfected Cells", Proc. Nat'l Acad. Sci., Vol. 96, No. 25, pgs. 14354-14359.	
		T. F. TSAI et al., "Paternal Deletion from <i>Snrpn</i> to <i>Ube3a</i> in the Mouse Causes Hypotoni, Growth Retardation and Partial Lethality and Provides Evidence for a Gene Contributing to Prader-Willi Syndrome", Human Molecular Genetics, 1999, Vol. 8, No. 8, 1357-1364.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language Translation is attached.

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NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		T. F. TSAI, et al., "Evidence for Translational Regulation of the Imprinted <i>Snurf-Snrpn</i> locus in Mice", Human Molecular Genetics, 2002, Vol. 11, No. 14, 1659-1668.	

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